

WEST Search History

DATE: Monday, September 19, 2005

Hide?	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=PGPB,USPT; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L3	(528/491)![CCLS]	804
<input type="checkbox"/>	L2	(528/500)![CCLS]	459
<input type="checkbox"/>	L1	521/64	1067

END OF SEARCH HISTORY

10/715,257

initial stages of polymerization. Dispersing agents have been taught for the older processes known to the art, but these are ineffective in the present process.

SUMM The solvents are inert err essentially inert to the free-radical polymerization process, and are volatile enough that they may be readily removed by **steam-stripping** or **vacuum** devolatilization of the polymer particles without the need for fusion and extruder devolatilization. The solvents preferably are not so low-boiling that they create unduly high pressures when a pressure vessel is used to accomplish the polymerization. They should be miscible with the monomer(s) to be polymerized, relatively water-insoluble so as to be separable from water for re-use and to be removed by steam-distillation. Such solvents include alkanes, such as heptane, hexane, octane, methylcyclohexane, and the like, aromatic hydrocarbons, such as benzene, toluene, or t-butylbenzene, aliphatic ketones, such as 2-methyl-3-hexanone, higher alcohols, that is, monohydric alcohols of 5 carbons and above, such as the various pentanols, hexanols, heptanols, and the like, and mixtures of such solvents. Preferred for environmental reasons is a mixture of alkanes and aliphatic ketones or a mixture of higher alcohol and alkanes, such as heptane and pentanol, in a preferred ratio of from about 3:2 to about 2:3.

=> d his full

(FILE 'HOME' ENTERED AT 15:29:55 ON 19 SEP 2005)

SET PLURALS ON PERM

SET ABBR ON PERM

FILE 'USPATFULL, USPAT2, CAPLUS, JAPIO' ENTERED AT 15:30:16 ON 19 SEP 2005

L1 194 SEA ABB=ON PLU=ON (STEAM(1A) STRIP?)(3W) VACUUM?
L2 26451 SEA ABB=ON PLU=ON (POROUS OR POROGEN OR MACRORETICULAR OR
RETICULAR OR CELLULAR) (1A) (RESIN OR BEADS OR PARTICLES)
L3 10 SEA ABB=ON PLU=ON L1 AND L2
D L3 1-10 IBIB ABS
D L3 1 HIT
D L3 5 HIT

FILE HOME

FILE USPATFULL

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 15 Sep 2005 (20050915/PD)

FILE LAST UPDATED: 15 Sep 2005 (20050915/ED)

HIGHEST GRANTED PATENT NUMBER: US6944881

HIGHEST APPLICATION PUBLICATION NUMBER: US2005204445

CA INDEXING IS CURRENT THROUGH 15 Sep 2005 (20050915/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 15 Sep 2005 (20050915/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2005

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2005

>>> USPAT2 is now available. USPATFULL contains full text of the <<<
>>> original, i.e., the earliest published granted patents or <<<
>>> applications. USPAT2 contains full text of the latest US <<<
>>> publications, starting in 2001, for the inventions covered in <<<
>>> USPATFULL. A USPATFULL record contains not only the original <<<
>>> published document but also a list of any subsequent <<<
>>> publications. The publication number, patent kind code, and <<<
>>> publication date for all the US publications for an invention <<<
>>> are displayed in the.PI (Patent Information) field of USPATFULL <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<

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>>> /PK, etc. <<<

>>> USPATFULL and USPAT2 can be accessed and searched together <<<
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<
>>> enter this cluster. <<<
>>> <<<
>>> Use USPATALL when searching terms such as patent assignees, <<<
>>> classifications, or claims, that may potentially change from <<<
>>> the earliest to the latest publication. <<<
```

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE USPAT2

FILE COVERS 2001 TO PUBLICATION DATE: 15 Sep 2005 (20050915/PD)
FILE LAST UPDATED: 15 Sep 2005 (20050915/ED)
HIGHEST GRANTED PATENT NUMBER: US2005193552
HIGHEST APPLICATION PUBLICATION NUMBER: US2005204275
CA INDEXING IS CURRENT THROUGH 15 Sep 2005 (20050915/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 15 Sep 2005 (20050915/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2005

USPAT2 is a companion file to USPATFULL. USPAT2 contains full text of the latest US publications, starting in 2001, for the inventions covered in USPATFULL. USPATFULL contains full text of the original published US patents from 1971 to date and the original applications from 2001. In addition, a USPATFULL record for an invention contains a complete list of publications that may be searched in standard search fields, e.g., /PN, /PK, etc.

USPATFULL and USPAT2 can be accessed and searched together through the new cluster USPATALL. Type FILE USPATALL to enter this cluster.

Use USPATALL when searching terms such as patent assignees, classifications, or claims, that may potentially change from the earliest to the latest publication.

FILE CAPLUS

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FILE COVERS 1907 - 19 Sep 2005 VOL 143 ISS 13
FILE LAST UPDATED: 18 Sep 2005 (20050918/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE JAPIO
FILE LAST UPDATED: 5 SEP 2005 <20050905/UP>
FILE COVERS APR 1973 TO APRIL 28, 2005